

General Environmental Incident Summary

Incident: 3552

Notice: 11/14/2014 1420

Occurred: 11/13/2014 0900

DEM Incident No:

No Further Action: ☒

Responsible Party: City of Bismarck

County: Burleigh

Twp Rng Sec Qtr: 139 80 34

Lat Long + Method: 46.81480 -100.75890 Interpolation from map

Location Description: City of Bismarck Hillside pump station located at 2220 East Avenue F
The mercury is contained in the valve vault structure approximately 70 feet to the southwest of the pump station.

Submitted By Info: Bill Gefroh
City of Bismarck - Employee
PO Box 5503
Bismarck ND 58506

Received By Info:

Contact Info: Keith Demke
601 South 26th St.
Bismarck ND 58506

Affected Medium: 09 - other

Near. Occupied Bldg: 120 Feet

Type of Incident: Contained in valve vault structure

Release Contained: Yes

Reported to NRC: No

Contaminant: The mercury found has not been released to the environment.

Volume of Release:

Duration of Release:

Agriculture Related: No

EPA Extremely

Hazardous Substance: Unknown

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

The exact cause is unknown. However it is suspect that the mercury may have been from an old flow meter that was in the valve vault. The flow meter was removed a long time ago, prior to the current activities, where contractors are replacing the valves in the below ground structure.

Risk Evaluation:

Probably none, the air in the valve vault is being continuously replaced by a mechanical device. Personal protective boots and gloves are used.

Potential Env. Impacts:

Potentially very small, all of the visible mercury will be recovered and recycled.

Action Taken/Planned:

Mercury on the floor in the valve vault is being pooled and then removed using a wash bottle for aspiration and then it is transferred into a plastic bottle. The floor will be swept with water into a floor sump. The water, mud and debris in the small sump will be removed with the mercury. Water and any mud will be decanted from the mercury. This will be done in an area/wash basin that will contain any spillage of mercury that will be recovered.

Wastes Disposal Location:

This may likely take place at the City of Bismarck Landfill, Household Hazardous Waste recycling building.

Other Agencies Involved:

State Health Department – Waste Management program

Updates

Date: 11/14/2014 ***Status:*** Reviewed - Assigned to NDDEQ Division

Author: Stockdill, Scott

Notes:

The responsible party has already been in contact with NDDoH Division of Waste Management. Incident forwarded to Division of Waste Management.

Updated Volume: None at the time of this update

Date: 12/3/2014 ***Status:*** Reviewed - No Action Required

Author: Erickson, Curt

Notes:

All remediation activities were completed the week of Nov. 17, 2014. All visible mercury was collected, and sand/soil from the valve box was removed. All wastes were managed by the City of Bismarck.

Updated Volume: None at the time of this update